

May 29, 2007

-Meeting Notice-

## CALFED Science Program Workshop

### *Defining a Variable Delta to Promote Estuarine Fish Habitat*

June 11, 2007

8:00 a.m. to 5:00 p.m.

Bay and Delta Conference Rooms

650 Capitol Mall, 5<sup>th</sup> Floor

Sacramento, CA 95814

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### **Workshop Purpose**

The “Variable Delta Hypothesis,” which was originally outlined in the Public Policy Institute of California (PPIC) report “Envisioning Futures for the Sacramento-San Joaquin Delta,” suggests that increasing the variability of estuarine habitat attributes, like salinity and residence time in the Delta, will improve habitat conditions for native estuarine fishes (and the introduced sport fish striped bass), and decrease habitat suitability for undesirable invasive species like *Corbula amurensis* and *Egeria densa*. As part of its ongoing process to clarify the implications of a variable Delta, the CALFED Science Program is sponsoring a one-day technical workshop to discuss key aspects of the “Variable Delta Hypothesis” and to explore and clarify the state of science on which it is based in support of the Delta Vision, Bay-Delta Conservation Planning, and Delta Risk Management Strategy efforts.

### **Workshop Product**

The Science Program will produce a written report from the workshop. This report will include:

- the major points made by each presenter,
- an overview of key scientific agreements and uncertainties highlighted during the workshop, and
- a summary of the facilitated discussion that follows the speakers’ presentations.

Further, the report and the speakers’ presentations will be posted on the CALFED Science Program website (<http://www.science.calwater.ca.gov>).

### **AGENDA**

- 8:00 a.m.
1. Introduction to the Workshop - Dr. Ron Ott, CALFED Science Program
  2. Animation of Salinity in the Estuary at the Current Level of Development - Tara Smith, California Department of Water Resources

3. Trends in Hydrology and Salinity in the Suisun Bay and Delta -  
Dr. Greg Gartrell, Contra Costa Water District
4. Good Fish, Bad Fish: Responses to Increased Environmental Variability in  
the Delta and Suisun Marsh - Dr. Peter Moyle, University of California  
Davis
5. Habitat Requirements, Life Cycles, and Population dynamics of *Corbula*  
*amurensis* and *Corbicula fluminea* - Dr. Jan Thompson, U. S. Geological  
Survey
6. Reconciling Water Project Operations and Ecosystem Function: a  
Hydrodynamic Perspective - Dr. Jon Burau, U. S. Geological Survey
7. What Are the Big Knowns and Unknowns Regarding a Variable Delta? -  
Dr. Wim Kimmerer, San Francisco State University

12:00 p.m. Lunch

8. Panel Discussion (including Public Comment) facilitated by Dr. Ron Ott

5:00 p.m. Adjourn

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- Order of agenda items is subject to change.
  - If you need reasonable accommodation due to a disability, please contact Colleen Kirtlan, CALFED Bay-Delta Program at (916) 445-5511, TDD (800) 735-2929.
  - Please allow extra time for parking and federal building security screening procedures. Current photo identification is required for building access. Visitors may bring cameras and cell phones with camera capability into the building ONLY with the prior approval of the CALFED Bay-Delta Program and the Federal Protective Service, and their use in the building will be subject to federal restrictions. Please contact Terry Smith, Security Coordinator for the CALFED Bay-Delta Program, cell (916) 716-1904, office (916) 445-5345 or [tsmith@calwater.ca.gov](mailto:tsmith@calwater.ca.gov) for building access information and camera guidelines.